



## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	:	<b>PERCHLORIC ACID 60% AR</b>
<b>Cas No.</b>	:	<b>7601-90-3</b>
<b>Code No.</b>	:	<b>01954</b>
<b>Batch No.</b>	:	<b>PC02253038</b>
<b>Mfg. Date</b>	:	<b>FEB-2025</b>
<b>Date Of Analysis</b>	:	<b>28/02/2025</b>
<b>Retest Date</b>	:	<b>JAN-2030</b>

TEST	SPECIFICATION	RESULT
Appearance	Clear colorless liquid	Clear colourless liquid
Assay	60.0 – 62.0%	60.52%
Colour scale	Max 10 Hazen	4 Hazen
Residue on ignition (as SO <sub>4</sub> )	Max 0.003%	0.0012%
Matter insoluble in ethanol	Max 0.001%	0.0005%
Chlorate (ClO <sub>3</sub> )	Max 0.001%	0.00036%
Total nitrogen (N)	Max 0.001%	0.00041%
Chloride (Cl)	Max 0.0001%	0.00006%
Free chlorine (Cl)	Max 0.0005%	0.00018%
Nitrate (NO <sub>3</sub> )	Max 0.001%	0.00062%
Phosphate and silicate (as SiO <sub>2</sub> )	Max 0.0003%	0.00012%
Sulphate (SO <sub>4</sub> )	Max 0.0004%	0.0001%
Ammonium (NH <sub>4</sub> )	Max 0.0002%	0.00004%
Heavy metal (as Pb)	Max 0.0001%	0.000056%
Arsenic (As)	Max 0.000005%	0.0000017%
Copper (Cu)	Max 0.00001%	0.0000059%
Iron (Fe)	Max 0.00005%	0.000023%
Lead (Pb)	Max 0.00001%	0.0000038%
Manganese (Mn)	Max 0.00005%	0.000019%
Mercury (Hg)	Max 0.00001%	0.0000045%
Potassium (K)	Max 0.002%	0.0007%
Silver (Ag)	Max 0.00001%	0.0000058%
Sodium (Na)	Max 0.002%	0.00061%
Specific gravity	1.54 g/ml	1.55 g/ml

REMARK : This product complies as per the specifications of **Pallav Chemicals & Solvents Pvt. Ltd**

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on [sales@pallavchemicals.com](mailto:sales@pallavchemicals.com) or call on **022 4928 4000**

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)